WHAT IS CLAIMED IS:

1   1.   An information handling system comprising:

2   information processing components operable to generate information for

3   storage;

4   an optical drive interfaced with the processing components and operable to

5   accept the information for storage and to write the information to an

6   optical medium according to a write strategy having a write speed;

7   a write strategy table associated with the optical drive and having plural

8   optical medium identification codes, each optical medium

9   identification code having an associated write strategy;

10   a general write strategy table associated with the optical drive and having

11   plural preassigned optical medium identification codes, each

12   preassigned optical medium identification code associated with one of

13   plural general write strategies;

14   a write strategy module operable to read an optical medium identification code

15   from an optical medium and to provide the optical drive with the

16   associated write strategy, the write strategy module further operable to

17   read a preassigned optical medium identification code and to provide

18   the optical drive with the associated general write strategy.

1   2.   The information handling system of Claim 2 further comprising a

2   generic write strategy associated with unknown optical medium identification codes,

3   wherein the write strategy module is further operable to read an unknown optical

4   medium identification code and to provide the optical drive with the generic write

5   strategy associated with unknown identification codes.

1   3.   The information handling system of Claim 1 wherein each preassigned

2   optical medium identification code is preassigned by optical media manufacturer and

3   associated with a write strategy for writing information with the optical disc drive to

4   an optical medium of the optical media manufacturer.

1   4.   The information handling system of Claim 3 wherein each preassigned
2   optical medium identification code is associated with an optical medium identification
3   code of the write strategy table.

1   5.   The information handling system of Claim 3 wherein each preassigned
2   optical medium identification code general write strategy comprises a write speed and
3   wherein the optical drive writes the information at the lesser of the write speed or the
4   maximum speed of the optical drive.

1   6.   The information handling system of Claim 1 wherein the optical
2   medium identification codes comprise ATIP start codes.

1   7.   The information handling system of Claim 1 wherein the optical disc
2   drive comprises a DVD disc drive.

1   8.   A method for writing information to an optical medium from an optical
2   disc drive, the method comprising:
3   associating optical medium identification codes with optical media having
4   write strategies for writing information from the optical disc drive to
5   the optical media, each write strategy having plural write parameters;
6   preassigning optical medium identification codes for optical media lacking
7   write strategies for writing information from the optical disc drive to
8   the optical medium;
9   associating general write strategies with the preassigned optical medium
10   identification code, the general write strategies having one or more
11   parameters of write strategies associated with an optical media having
12   a write strategy; and
13   storing the optical medium identification codes and write strategies for access
14   by the optical disc drive to write information to optical media.

1   9.   The method of Claim 8 further comprising associating a generic write

2 strategy with unknown optical medium lacking an assigned or preassigned optical

3 medium identification code.

1   10.   The method of Claim 9 further comprising:

2 reading an optical medium identification code from an optical medium with

3   the optical disc;

4 determining that the optical medium identification code is a preassigned

5   optical medium identification code; and

6 writing information to the optical medium with the general write strategy

7   associated with the preassigned optical medium identification code.

1   11.   The method of Claim 10 wherein the general write strategy parameters

2 comprise write speed, the method further comprising:

3 comparing the general write speed with the optical drive maximum write

4   speed; and

5 writing the information at the lesser of the general write speed and the optical

6   drive maximum write speed.

1   12.   The method of Claim 8 wherein preasssigning optical medium

2 identification codes further comprises:

3 preassigning optical medium identification codes by optical media

4   manufacturer; and

5 associating one or more write strategy parameters with a preassigned optical

6   medium identification code according to a time stamp appended to the

7   identification code.

1   13.   The method of Claim 8 wherein the write strategy parameter comprises

2 write speed.

1   14.   The method of Claim 8 wherein the optical medium identification code

2 comprises an ATIP start code.

1   15.   A method for configuring an optical disc drive to write information to
2 optical media, the method comprising:
3   preassigning optical medium identification codes to optical media
4   manufacturers;
5   associating design parameters of a planned optical media with the preassigned
6   optical medium identification codes;
7   communicating the preassigned optical medium identification codes and
8   associated design parameters to optical disc drive manufacturers;
9   building optical disc drives to recognize the preassigned optical medium
10   identification codes and write information with general write strategies
11   according to the design parameters;
12   releasing optical media having the preassigned optical medium identification
13   codes; and
14   writing information from an optical disc drive to the released optical media
15   with the general write strategy associated with the preassigned optical
16   medium identification code.

1   16.   The method of Claim 15 wherein the design parameter comprises
2 optical disc drive write speed.

1   17.   The method of Claim 15 wherein the design parameters comprise
2 similarities with one or more existing optical medium of the manufacturer.

1   18.   An optical disc drive comprising:
2   a write strategy table having plural optical medium identification codes, each
3   optical medium identification code having an associated write strategy;
4   and
5   a write strategy module operable to read an optical medium identification code
6   from an optical medium and select the write strategy associated with
7   the identification code from the write strategy table for writing
8   information to the optical medium;

9   wherein at least one optical medium identification code comprises a

10   preassigned optical medium identification code associated with an

11   optical medium planned for development at the time of manufacture of

12   the optical disc drive, the planned optical medium having design

13   parameters.

1   19.   The optical disc drive of Claim 18 wherein the design parameters

2 comprise write speed for writing information to the optical medium.

1   20.   The optical disc drive of Claim 18 wherein the preassigned optical

2 medium identification code is preassigned by optical medium manufacturer and

3 wherein the design parameters relate to an existing optical medium of the optical

4 medium manufacturer.